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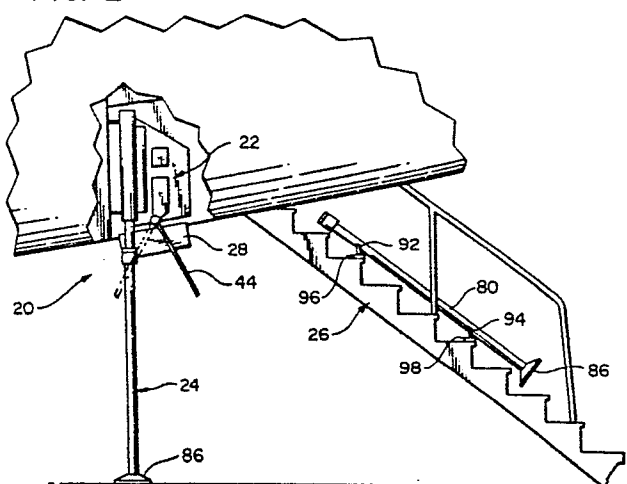
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54 **On-board tail jack assembly.**

57 An on-board tail jack assembly (20) for stabilizing the tail region (14) of an aircraft (10) during a loading or unloading procedure is comprised of a jack unit (22) disposed within the tail region of the craft in force communication with a frame member thereof for load transfer and distribution upon stabilizing actuation of the jack, which jack includes a reciprocable jack ram member (36) having a distal end terminating in a coupling member (40); and a strut (24) comprising a shaft (80) having a proximal end terminating in a coupling member (114) with a complementary geometric configuration as respects that of the jack unit for mating engagement therewith, which strut further includes a first shaft member (102) and a second shaft member (104) disposed in biased, adjustably displaceable engagement therewith. The strut is configured for disposition beneath the jack during the loading or unloading procedure in stabilizing contact therewith in order to prevent tipping or rocking motion of the craft in the event its center of gravity shifts aft of the main gear.

FIG. 2





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-3 051 419 (WEILAND) * Column 2, lines 62-64; figures 1-4 *	1	B 64 C 1/22 B 64 C 25/00 B 64 D 9/00
A	FR-A-1 497 835 (ILJUSHIN) * Page 1, right-hand column, lines 29-42; page 2, left-hand column, line 15 - right-hand column, line 2; figure 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 64 C B 64 D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		23-10-1987	ZERI A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	